

REMARKS

Claims 1, 7, 8 and 13 are pending in the application.

Claim 1 is allowed.

Claim 8 is rejected.

Claims 7 and 13 are objected to.

Claims 1, 7, 8 and 13 have been amended, as set forth herein.

I. **DRAWING OBJECTIONS**

The drawings were objected to in relation to Claim 13. Claim 13 has been amended to recite the gates of the fifth and sixth transistors each receiving a signal generated by the second latch (as shown in Figures 1 and 2a - O3 and O4). Therefore, the drawings show these elements as recited in Claim 13.

The drawings were further objected to because Figure 2b fails to identify the terminals O3 and O4. Applicant has added these reference signs to Figure 2b.

Applicant attaches herewith one replacement drawing sheet with the requested amendments, and therefore, requests withdrawal of the drawing objections.

II. **CLAIM OBJECTIONS**

Claims 7 and 13 were objected to because of informalities. The objections are respectfully traversed.

Applicant has amended Claim 7 to recite “wherein the negative resistance comprises a fifth transistor and a sixth transistor.” This claim amendment and the other amendments to Claim 17 have been made solely to correct informalities and not made for reasons related to patentability.

Claim 13 has been amended to recite “the gates of the fifth transistor and the sixth transistor each receiving a signal generated by the second latch.” This claim amendment and

the other amendments to Claim 13 have been made solely to correct informalities and not made for reasons related to patentability.

Applicant respectfully submits that these amendments overcome the informalities objections. Accordingly, the Applicant respectfully requests the Examiner withdraw the claim objections.

Applicant has made additional minor amendments to allowed Claim 1, and these have been made solely to correct informalities and not made for reasons related to patentability.

III. REJECTION UNDER 35 U.S.C. § 103

Claim 8 was rejected under 35 U.S.C. § 103(a) as being unpatentable over Wang (US Patent No. 6,166,571) in view of Yin (US Patent No. 6,982,583). The rejection is respectfully traversed.

Applicant has amended Claim 8 to recite “the second latch controlled by first and second control signals, and wherein the control signals are DC signals.” The DC signal feature/element was recited in prior Claim 9 and noted as allowable in the prior office action. Claim 8 is believed now to be allowable.

Accordingly, the Applicant respectfully requests withdrawal of the § 103(a) rejection of Claim 8.

IV. CONCLUSION

As a result of the foregoing, the Applicant asserts that the remaining Claims in the Application are in condition for allowance, and respectfully requests an early allowance of such Claims.

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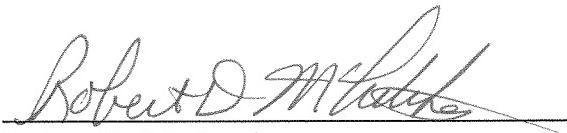
If any issues arise, or if the Examiner has any suggestions for expediting allowance of this Application, the Applicant respectfully invites the Examiner to contact the undersigned at the telephone number indicated below or at *rmccutcheon@munckcarter.com*.

The Commissioner is hereby authorized to charge any additional fees connected with this communication or credit any overpayment to Deposit Account No. 50-0208.

Respectfully submitted,

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